

FORM PTO-1449 INFORMATION DISCLOSURE STATEMENT				SERIAL NO.		10/575,072	
				FILING DATE			
				APPLICANT		Giblin et al.	
				GROUP		1614	
				EXAMINER			
				ATTORNEY DOCKET NO.		PB60531USw	
U.S. PATENT DOCUMENTS							
Examine r Initials		Patent Number	Issue Date	Name	Class	Subclass	Filing Date If Appropriate
	1	5,219,856	June 15, 1993	Olson			
	2	5,232,945	Aug. 3, 1993	Hulin			
	3	5,344,991	Sept. 6, 1994	Reitz et al.			
	4	5,420,287	May 30, 1995	Reitz et al.			
	5	5,424,450	June 13, 1995	Boswell et al.			
	6	5,470,975	Nov. 28, 1995	Atwal			
	7	5,474,995	Dec. 12, 1995	Ducharme et al.			
	8	5,512,681	Apr. 30, 1996	Boswell et al.			
	9	5,563,128	Oct. 8, 1996	Pauls et al.			
	10	5,807,896	Sept. 15, 1998	Gericke et al.			
	11	5,840,746	Nov. 24, 1998	Ducharme et al.			
	12	5,972,986	Oct. 26, 1999	Seibert et al.			
	13	6,048,859	Apr. 11, 2000	Dorn et al.			
	14	6,066,766	May 23, 2000	Haber et al.			
	15	6,136,839	Oct. 24, 2000	Isakson et al.			
	16	6,440,963	Aug. 27, 2002	Leonardi et al.			
	17	6,451,843	Sept. 17, 2002	Lieb et al.			
	18	6,458,965	Oct. 1, 2002	Lieb et al.			
	19	6,495,149	Dec. 17, 2002	Scavone et al.			
	20	7,232,821	June 19, 2007	Giblin et al.			
	21	US2001/020100	Sept. 6, 2001	Manning et al.			
	22	US2001/047024	Nov. 29, 2001	Seibert et al.			
	23	US 2002 045605	Apr. 18, 2002	Kargman et al.			
	24	US2002/095041	July 18, 2002	Chan et al.			
	25	US2002/107276	Aug. 8, 2002	Isakson et al.			
	26	US2003073844	Apr. 17, 2003	Ku et al.			
Continue on page _____							
FOREIGN PATENT DOCUMENTS							
		Document Number	Publication Date	Country	Class	Subclass	Translation Yes No
	27	AU 8311483	Mar. 3, 1982	AUSTRALIA			Abstract only
	28	BEL 611179	Dec. 6, 1960	BELGIUM			Abstract only
	29	DE 4032522	Apr. 16, 1992	GERMANY			Abstract only
	30	DE 4034728	May 7, 1992	GERMANY			Abstract only
	31	DE 20211496	Nov. 19, 2002	GERMANY			Abstract only
	32	DE 19612101	Oct. 2, 1997	GERMANY			Abstract only
	33	DE 4407488	Sept. 14, 1995	GERMANY			
	34	DT 2405171	Feb. 19, 1973	GERMANY			Abstract only
	35	EP 52300	Nov. 13, 1980	EUROPE			Abstract only
	36	EP 131302	Jan. 16, 1985	EUROPE			
	37	EP 0470794	Feb. 12, 1992	EUROPE			
	38	EP 499415	Aug. 19, 1992	EUROPE			
	39	EP 499416	Aug. 19, 1992	EUROPE			
	40	EP 540009	May 5, 1993	EUROPE			
	41	EP 706795	Apr. 17, 1996	EUROPE			
	42	EP 0799823	Oct. 8, 1997	EUROPE			
	43	EP 733366	Apr. 1, 1998	EUROPE			
	44	EP 707007	Dec. 12, 2001	EUROPE			
	45	EP 1251126	Oct. 23, 2002	EUROPE			

46	EP 1264847	Dec. 11, 2002	EUROPE			Abstract only
47	EP 1312605	May 21, 2003	EUROPE			
48	GB 2,272,899	June 1, 1994	GREAT BRITAIN			
49	JP 04076087	Mar. 10, 1992	JAPAN			Abstract only
50	JP 04235933	Aug. 25, 1992	JAPAN			Abstract only
51	JP 05224442	Sept. 3, 1993	JAPAN			Abstract only
52	JP 06065213	March 8, 1994	JAPAN			Abstract only
53	JP 2002275064	Sept. 25, 2002	JAPAN			Abstract only
54	JP 2002363748	Dec. 18, 2002	JAPAN			Abstract only
55	JP 2003192659	July 9, 2003	JAPAN			Abstract only
56	NE 6610022	Aug. 2, 1965	NIGER			Abstract only
57	WO 91/15479	Oct. 17, 1991	WIPO			
58	WO 92/02257	Feb. 20, 1992	WIPO			
59	WO 92/20642	Nov. 26, 1992	WIPO			
60	WO 93/04045	Mar. 4, 1993	WIPO			
61	WO 93/04046	Mar. 4, 1993	WIPO			
62	WO 94/05658	Mar. 17, 1994	WIPO			
63	WO 95/00501	Jan. 5, 1995	WIPO			
64	WO 95/05372	Feb. 23, 1995	WIPO			Abstract only
65	WO 95/11883	May 4, 1995	WIPO			
66	WO 95/17393	June 29, 1995	WIPO			
67	WO 95/26724	Oct. 12, 1995	WIPO			
68	WO 95/27692	Oct. 19, 1995	WIPO			
69	WO 96/10012	Apr. 4, 1996	WIPO			
70	WO 96/11902	Apr. 25, 1996	WIPO			
71	WO 96/11676	Apr. 25, 1996	WIPO			
72	WO 96/16934	June 6, 1996	WIPO			
73	WO 96/36623	Nov. 21, 1996	WIPO			
74	WO 96/37496	Nov. 28, 1996	WIPO			
75	WO 96/41645	Dec. 27, 1996	WIPO			
76	WO 97/03667	Feb. 6, 1997	WIPO			
77	WO 97/05131	Feb. 13, 1997	WIPO			
78	WO 97/11701	Apr. 3, 1997	WIPO			
79	WO 97/16435	May 9, 1997	WIPO			
80	WO 97/29748	Aug. 21, 1997	WIPO			
81	WO 97/38986	Oct. 23, 1997	WIPO			
82	WO 98/55468	Dec. 10, 1998	WIPO			
83	WO 98/16227	Apr. 23, 1998	WIPO			
84	WO 98/25896	June 18, 1998	WIPO			
85	WO 98/28257	July 2, 1998	WIPO			Abstract only
86	WO 99/17776	Apr. 15, 1999	WIPO			
87	WO 99/58487	Nov. 19, 1999	WIPO			
88	WO 00/02887	Jan. 20, 2000	WIPO			
89	WO 00/47553	Aug. 17, 2000	WIPO			
90	WO 00/53149	Sept. 14, 2000	WIPO			
91	WO 00/59506	Oct. 12, 2000	WIPO			
92	WO 00/76489	Dec. 21, 2000	WIPO			
93	WO 01/21582	Mar. 29, 2001	WIPO			Abstract only
94	WO 01/64646	Sept. 7, 2001	WIPO			
95	WO 01/081332	Nov. 1, 2001	WIPO			
96	WO 01/55146	Aug. 2, 2001	WIPO			
97	WO 02/12210	Feb. 14, 2002	WIPO			Abstract only
98	WO 02/20004	Mar. 14, 2002	WIPO			
99	WO 02/50002	June 27, 2002	WIPO			
100	WO 02/099435	Dec. 12, 2002	WIPO			
101	WO 02/100838	Dec. 19, 2002	WIPO			
102	WO 03/02548	Jan. 9, 2003	WIPO			
103	WO 03/006628	Jan. 23, 2003	WIPO			
104	WO 03/010145	Feb. 6, 2003	WIPO			Abstract only

	105	WO 03/20790	Mar. 13, 2003	WIPO			Abstract only
	106	WO 03/45552	June 5, 2003	WIPO			
	107	WO 03/048257	June 12, 2003	WIPO			
	108	WO 03/051860	June 26, 2003	WIPO			
	109	WO 03/053927	July 3, 2003	WIPO			Abstract only
	110	WO 04/39753	May 13, 2004	WIPO			
Continuc on page							
OTHER DOCUMENTS (Including Author, Title, Journal-Date, Page Number, Etc.)							
	111	Ahmad, et al. "Prostaglandin EP1 Receptor Contributes to Excitotoxicity and Focal Ischemic Brain Damage." Toxicological Sciences, October 19, 2005, 89(1), pgs. 265-270.					
	112	Baker, R.W., et al. "Formal synthesis of both atropisomers of desertorin C and an example of chirality transfer from a biphenyl axis to a spiro center and its reverse. Australian Journal of Chemistry, Vol. 53, No. 6, 2000, pgs 487-506.					
	113	Baker, R.W., et al. "Chirality transfer from a pihenyl axis to a spiro center and its reverse sequential self-immolation." Tetrahedron Letters, Vol. 40, No. 17, 1999, pgs 3475-3478.					
	114	Blank, B., et al. "Synthesis of Biphenyl Portion of Decinine." Journal of Chemical and Engineering Data, Vol. 16, No. 2, 1971, pgs. 254-257.					
	115	Fuson, R.C., et al. "Synthesis of 2-iodo-2'-methoxybiphenyl. A new route to .omicron.-terphenyls." Journal of The American Chemical Society, Vol. 81, 1959, pgs 487-490.					
	116	Fuson, R.C., et al. "Reaction of o-methoxyphenylmagnesium bromide with hindered ketones." Journal of Organic Chemistry, Vol. 27, 1962, pgs. 1578-1581.					
	117	Hori, M., et al. "Dibenzothiophenes and Related Compounds. III. 1,2) Reactions of 10-Substituted 9,9-Dimethylthioxanthanium and 5-Substituted Dibenzothiophenium Salts with Organolithiums." Chemical & Pharmaceutical Bulletin (1974), 22(9), pgs 2004-2013.					
	118	Imai, Y., et al. "Novel axial chiral sulfur-oxazoline ligands with a biphenyl backbone." Synlett, No. 8, 1999, pgs. 1319-1321.					
	119	Kawahara, et al. "A Prostaglandin E2 Receptor Subtype EP1 Receptor Antagonist (ONO-8711) Reduces Hyperalgesia, Allodynia, and C-fos Gene Expression in Rats with Chronic Nerve Constriction." Anesth Analg. 2001, 93, pgs. 1012-7.					
	120	Kawano, et al. "Prostaglandin E2 EP1 Receptors: Downstream Effectors of Cox-2 Neurotoxicity." Nature Medicine, February 2006, 12(2), pgs. 225-229.					
	121	Lacombe, P., et al. "2,3-Diarylthiophene as potent ligands for the human EP1 prostanoid receptor." Abstracts of Papers American Chemical Society, Vol. 220, No. Part 1, 2000, page MEDI 246.					
	122	Malik, O.P., et al. "Studies on Cannabinoids: Part III. Synthesis of 9,10,11,11a-Tetrahydro-6H,8H-Pyrido(1,2-c) [1,3]benzoxazine." Indian Journal of Chemistry, Section B: Organic Chcmistry Including Medicinal Chemistry, 1976, 14B(12), pgs 975-978.					
	123	Moorlag, H., et al. "An asymmetric synthesis of a C2 symmetric tetrasubstituted biaryl: 2,2'-dihydroxy-6,6'-dimethyl-1,1'-biphenyl, a stable chiral system." Tetrahedron Letters, Vol. 34, No. 44, 1993, pgs 6993-6996.					
	124	Moorlag, H., et al. "Oxazoline-mediated biaryl coupling reactions. Stereocontrolled synthesis of 2,2',6,6'-tetrasubstituted biphenyls." Tetrahedron Letters, Vol. 34, No. 44, 1993, pgs 6989-6992.					
	125	Omote, et al. "The Effects of Intrathecal Administration of an Antagonist for Prostaglandin E Receptor Subtype EP1 on Mechanical and Thermal Hyperalgesia in a Rat Model of Postoperative Pain." Anesth Analg. 2002, 95, pgs. 1708-12.					
	126	Omote, et al.. "The Effects of Peripheral Administration of a Novel Selective Antagonist for Prostaglandin E Receptor Subtype EP1, ONO-8711, in a Rat Model of Postoperative Pain." Ancsth Analg., 2001, 92, pgs. 233-8.					
	127	Rathore, R., et al. "Efficient Hydrogenation of Sterically Hindered Olefins with Borane-Methyl Sulfide Complex." Journal of Organic Chemistry, 1996, 61(16), pgs. 5246-5256.					
	128	Rippert, A.J. "New axially chiral bis(dihydrooxazoles) as ligands in stereoselective transition-metal catalysis." Helvetica Chimica ACTA, Vol. 81, No. 4, 1998, pgs 676-687.					
	129	Sarkar, et al.. "The Prostaglandin E2 Receptor-1 (EP1) Mediates Acid-Induced Visceral Pain Hypersensitivity in Humans." Gastroenterology, 2003, 124, pgs. 18-25.					
	130	Stock, et al.. "The Prostaglandin E2 EP1 Receptor Mediates Pain Perception and Regulates Blood Pressure." The Journal of Clinical Investigation, February 2001, 107(3), pgs. 325-331.					
	131	Stoyanovich, F.M., et al. "Reactions of Arylsulfonyl Compounds with An Excess of Organolithium Reagent. 11. Polar Addition to 3-Lithioarynes and Synthesis of 2-Substituted Isophthalic Acids." Izv. Akad. Nauk SSSR, Ser. Khim (1978), (1), 142-150. (English Abstract Only)					
	132	Synergistic Mixtures of Strobilurin and Pyrimidine Analogs. Research Disclosure, December 1995, pgs 823-824.					

133	Whitesell, J.K., et al. "Synthesis and Resolution of a New Chiral C ₂ -Symmetric Bisphenol: Trans-1,2-Bis(2-Hydroxyphenyl)cyclopentane." Tetrahedron Letters, 1997, 38(15), pgs. 2589-2592.
Continue on page	
EXAMINER	DATE CONSIDERED
EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.	